L4 ANSWER 335 OF 561 CA COPYRIGHT 2004 ACS on STN
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TI **Aluminum hydroxide**-containing **cement** compositions for extrusion
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PA Sekisui Kagaku Kogyo K. K., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
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DT Patent
LA Japanese
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CC 58-3 (Cement, Concrete, and Related Building Materials)
FAN.CNT 1

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PI JP 04089340	A2	19920323	JP 1990-204416	19900731
PRAI JP 1990-204416		19900731		

AB The compns., comprising **cement**, reinforcing fibers, fibrous **water**-absorbent, and thickener, contain Al(OH)3 0.5-50, elastic lightwt. aggregate having particle size .ltoreq.5 mm 0.1-20, and inorg. lightwt. aggregate 0-100 wt. parts (per 100 wt. parts **cement**) to give asbestos-free, fire-resistant, high-strength, lightwt., rapid-setting mortar. A compn., consisting of portland **cement** 100, Higilite H-10 10, expanded styrene beads 1, Coal Floater CFB (fly ash balloons) 10, polypropylene fibers 2, cellulose pulp (fibrous **water**-absorbent) 2, Me cellulose 1, SiO2 powder 10, and **water** 42 wt. parts, was extruded and cured at 70.degree. (100% humidity) for 12 h to give fire- and impact-resistant mortar having bulk d. 1.6, bending strength 150 kg/cm2.

ST lightwt aggregate **aluminum hydroxide** mortar extrusion

IT Mortar
(**aluminum hydroxide**-contg., lightwt. extrudable, compns. for, for fire resistance and strength)

IT Shirasu (soil)
RL: USES (Uses)
(compns. contg. **aluminum hydroxide** and, extrusion of, for fire-resistant lightwt. mortar)

IT Ashes (residues)
(fly, compns. contg. **aluminum hydroxide** and,